

What is claimed is:

1. A network system for processing image data and printing an image based on said image data, comprising:

a plurality of image-processing apparatus coupled to each other through a network; and

an image printing apparatus coupled to said plurality of image-processing apparatus through said network;

wherein each of said plurality of image-processing apparatus includes:

a rasterization processing section to apply a rasterization processing to said image data so as to generate first rasterized pixel data;

an image data transmitting section to transmit said image data to another image-processing apparatus, in which said rasterization processing is applied to said image data so as to generate second rasterized pixel data;

a pixel data receiving section to receive said second rasterized pixel data transmitted from said other image-processing apparatus; and

a pixel data transmitting section to transmit either said first rasterized pixel data or said second

rasterized pixel data to said image printing apparatus as print-rasterized pixel data; and

wherein said image printing apparatus includes:

a print-rasterized pixel data receiving section to receive said print-rasterized pixel data, being either said first rasterized pixel data or said second rasterized pixel data, through said network, in order to print said image according to said print-rasterized pixel data.

2. The network system of claim 1,

wherein said pixel data transmitting section transmits either said first rasterized pixel data or said second rasterized pixel data, which is acquired earlier as said print-rasterized pixel data completed as a whole, to said image printing apparatus.

3. A network system for processing image data and printing an image based on said image data, comprising:

a plurality of image-processing apparatus coupled to each other through a network; and

an image printing apparatus coupled to said plurality of image-processing apparatus through said network;

wherein each of said plurality of image-processing apparatus includes:

a rasterization processing section to apply a rasterization processing to said image data so as to generate rasterized pixel data;

an image data transmitting section to transmit said image data and a completed-part of said rasterized pixel data, rasterization for which are completed by a time when a predetermined condition occurs in mid-course of said rasterization processing for said image data, to another image-processing apparatus; and

wherein said image printing apparatus includes:

a rasterized pixel data receiving section to receive said rasterized pixel data through said network, in order to print said image according to said rasterized pixel data.

4. The network system of claim 3,

wherein, in said other image-processing apparatus, said rasterization processing is applied to a residual part of said image data so as to generate a residual part of said rasterized pixel data; and

wherein said other image-processing apparatus transmits said rasterized pixel data to said image printing apparatus as an addition of said completed-part and said residual part.

5. The network system of claim 3,

wherein said image data transmitting section transmits said image data and a completed-part of said rasterized pixel data to a plurality of other image-processing apparatus.